

F-7824

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Yoshiro NAKAMATS

Reissue Application of  
Patent Serial No. : 6,249,998

Issued : June 26, 2001

Reissue Application  
Filed : June 26, 2003 (concurrently herewith)

For : MOVING VIRTUAL DISPLAY APPARATUS

Group Art Unit : UNKNOWN

Examiner : UNKNOWN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT OF STATUS AND SUPPORT FOR ALL  
CHANGES TO CLAIMS UNDER 37 CFR 1.173(c)**

Sir:

Applicant hereby states the status of the claims and support for the  
changes to the claims in the above-identified reissue application.

Claims 1-35 are now in this application. Claims 1-19 are claims from the issued patent. Claims 1 and 17 are amended herein to correct typographical errors made by the U.S. Patent Office when issuing the patent. New claims 20-35 are added to obtain broader protection for which the patentee had a right to claim. Claims 20-35 are supported by the drawings and specification at least as related below. No new matter is added.

Claim 1 is amended to correct a typographical error made in printing the patent. The word "deter" is changed to "determining" to recite a "control means .. determining said positions of said support member" which was the wording in the allowed claim 1 as amended in the Preliminary Amendment filed June 4, 1999.

Claim 17 is amended to correct a typographical error made in printing the patent. The word "red" amended to read "carried" which was the wording in the allowed claim 16 as amended in the Preliminary Amendment filed June 4, 1999.

With regard to the added claims, support for elements thereof is provided at least as follows with the elements of the claims not being limited by recitations in the specification not included in the claims.

CLAIMS	ELEMENT(S)	SUPPORT
20	a support member having a plurality of spaced luminous devices disposed thereon;	Figs. 1a - 8, and col. 1, line 56, to col. 4, line 39.
20	said support member being movable through said swing arc;	Figs. 1a, 1b, 4, 6a, 6b, 7, 8, and col. 1, lines 56-67, col. 2 lines 8-22, col. 3, line 3 to col 4, line 26.
20	a detector for detecting movement of said support member at a starting position;	Figs. 6a and 6b, and col. 2, line 65 to col. 3, line 35.
20	a clock device for providing timing relative to said detector detecting movement of said support member at said starting position;	Col. 2, lines 23-28, and line 65 to col. 3, line 35.

CLAIMS	ELEMENT(S)	SUPPORT
20	said support member having  lighting control means for  selectively lighting individual  respective ones of said  luminous devices of the  respective luminous devices  within said swing arc as  determined by timing of said  clock device as said support  member moves along said  swing arc to create said light  display along the swing arc of  said support member.	Figs. 2, 3 and 5, and col.  lines 63-67, and col. 2, lines  1-64.
21	means for moving said support  member along a curvilinear  path.	Figs. 7-9, and col. 3, line 52  to col. 4, line 34.
22	means for moving said support  member along a circular path.	Figs. 7-9, and col. 3, line 52  to col. 4, line 34.

CLAIMS	ELEMENT(S)	SUPPORT
23	said luminous devices are selected from the group consisting of Light Emitting Diodes and Vacuum Fluorescent Displays.	Col. 1, lines 56-60.
24	said luminous devices are arranged in a linear row.	Figs. 1a, 1b, and col. 1, lines 60-62.
25	said luminous devices are arranged in a plurality of linear rows.	Figs. 2, 6a and 6b, and col. 1, lines 60-66.
26	said support member has an obverse side and a reverse side, said luminous devices being disposed on said obverse side and on said reverse side.	Col. 1, lines 60-62.
27 and 28	said support member is an elongated bar.	Figs. 1a, 1b, and col. 1, lines 59-60.

CLAIMS	ELEMENT(S)	SUPPORT
28	rotatable support means for rotatably supporting said elongated bar for rotation about a rotation axis.	Figs. 7-9, and col. 3, line 52 to col. 4, line 34.
29	said rotatable support means further comprises a motor means for rotating said elongated bar about said rotation axis.	Fig. 7, and col. 3, lines 52- 65.
30	a windmill means for rotating said elongated bar about said rotation axis.	Figs. 7 and 8, and col. 4, line 66 to col. 4, line 27.
31	said elongated bar being mounted about said rotation axis at a substantial midpoint of said elongated bar;	Fig. 8, col. 4, lines 18-27.

CLAIMS	ELEMENT(S)	SUPPORT
31	said elongated bar having first and second surfaces on opposing sides of said substantial midpoint having opposing angles of inclination to effect rotation of said elongated member in response to wind.	Fig. 8, col. 4, lines 20-21.
32	said elongated bar has an outer end which transcribes a circle when said elongated bar rotates about said rotation axis.	Figs. 7-9, and col. 3, line 52 to col. 4, line 34.
33	said elongated bar has a length substantially equal to the radius of said circle.	Fig. 7, and col. 3, lines 52- 65.
34	said elongated bar has a length substantially equal to the diameter of said circle.	Fig. 8, col. 4, lines 20-21.

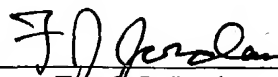
CLAIMS	ELEMENT(S)	SUPPORT
35	said detector includes a pendulum and said pendulum is a weight depending about a rotational support on said support member, and contacts on said support member arranged such that said weight contacts a first contact when the support member is in said starting position and said weight contacts a second contact when the support member is in another position;	Fig. 6a, and col. 2, line 65 to col. 3, line 35.




CLAIMS	ELEMENT(S)	SUPPORT
35	<u>said contacting of said</u> <u>first contact initiates said</u> <u>selective lighting of said</u> <u>luminous devices and said</u> <u>contacting of said second</u> <u>contact terminates said</u> <u>selective lighting of said</u> <u>luminous devices.</u>	Col. 3, lines 3-13.

In light of the foregoing, it is respectfully submitted that the reissue application is in proper form for allowance of all claims and notice to that effect is earnestly solicited. Please charge any fee deficiency or credit any excess payment to Deposit Account No. 10-1250.

Respectfully submitted,  
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